

	CONSTRUCTION INSPECTION CHECK-OFF LIST FOR MICRO BIORETENTION FACILI	TY MB	-1
	STAGE	MCDPS INSPECTOR	OWNER/ DEVELOPER
MANDATORY NOTIFICATION: Inspection and approval of each practice is required at these points prior to proceeding with construction. The permittee is required to give the MCDPS Inspector twenty-four (24) hours notice (DPS telephone 311). The DPS inspector may waive an inspection and allow the owner/developer to make the required inspection per a prior scheduled arrangement which has been confirmed with the DPS inspector in writing. Work completed without MCDPS approval may result in the permittee having to remove and reconstruct the unapproved work. Upon completion of the project, a formal Stormwater Management As-Built must be submitted to MCDPS unless a Record Drawing Certification has been allowed instead. Each of the steps listed below must be verified by either the MCDPS Inspector OR the Owner/Developer.		INITIALS/DATE	INITIALS/DATE
1.	Excavation for Micro Bioretention facility conforms to approved plans		
2.	Placement of stone backfill and underdrain system conforms to approved plans		
3.	Placement of filter media conforms to approved plans		
4.	Connecting pipes and/or grading conveyance to the facility constructed per the approved plans		
5.	Final grading and permanent stabilization conforms to approved plans		

Thickness | As-Built |

Underdrain As-Built

*See Detailed Plan Views & Details for More Dimensions.

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Stormwater Management As-Built must be submitted to MCDPS unless a Record Drawing Certification has been allowed instead. Each of the steps listed below must be verified

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conforms to approved plans

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approved plans

Excavation for Micro Bioretention facility

Placement of stone backfill and underdrain system conforms to approved plans

Connecting pipes and/or grading conveyance to

the facility constructed per the approved plans

Placement of filter media conforms to

Final grading and permanent stabilization

CONSTRUCTION INSPECTION CHECK-OFF LIST FOR MICRO BIORETENTION FACILITY

As-Built

0.25'

MB-4

INSPECTOR

INITIALS/DATE

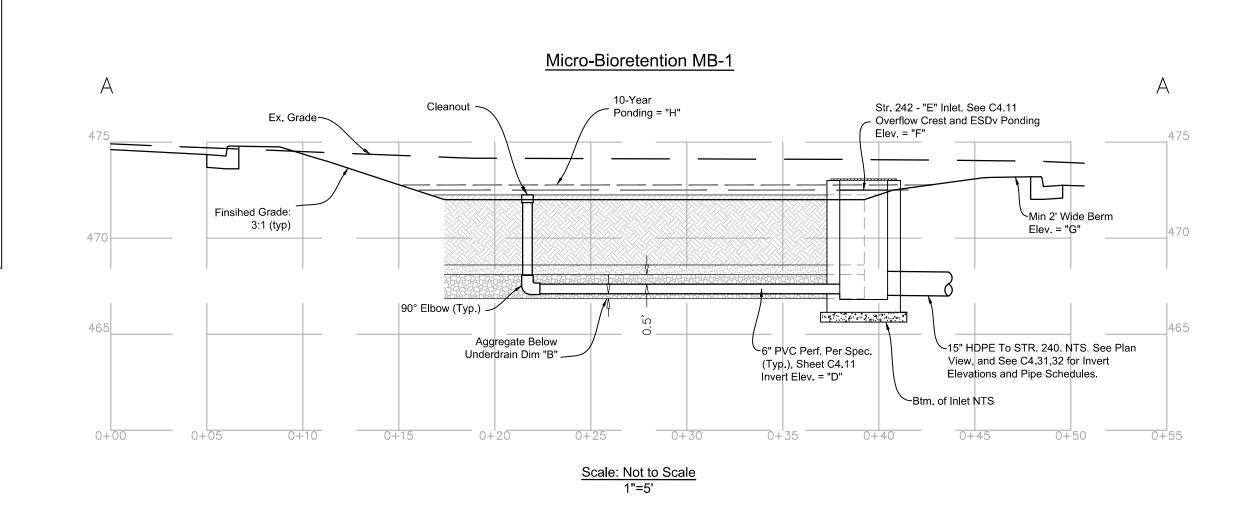
Design | 2,420 cu. ft.

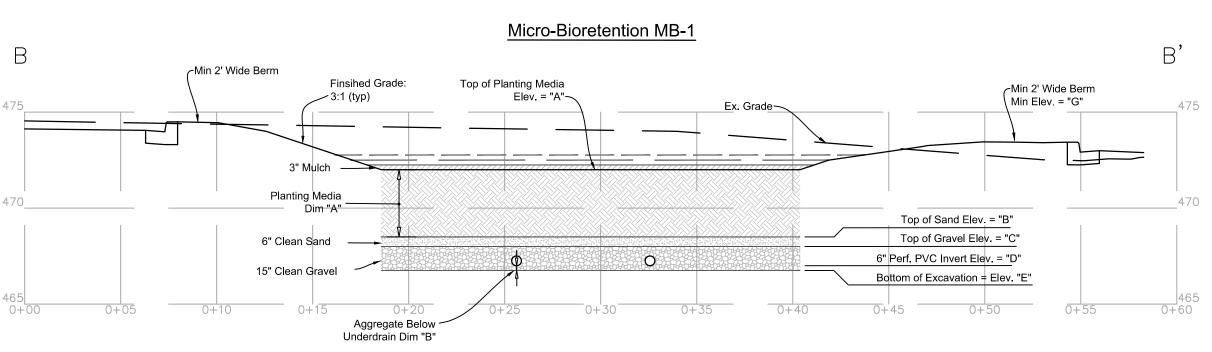
Dim. "B" Aggregate Below Design

Receiving Storm Drain Str.

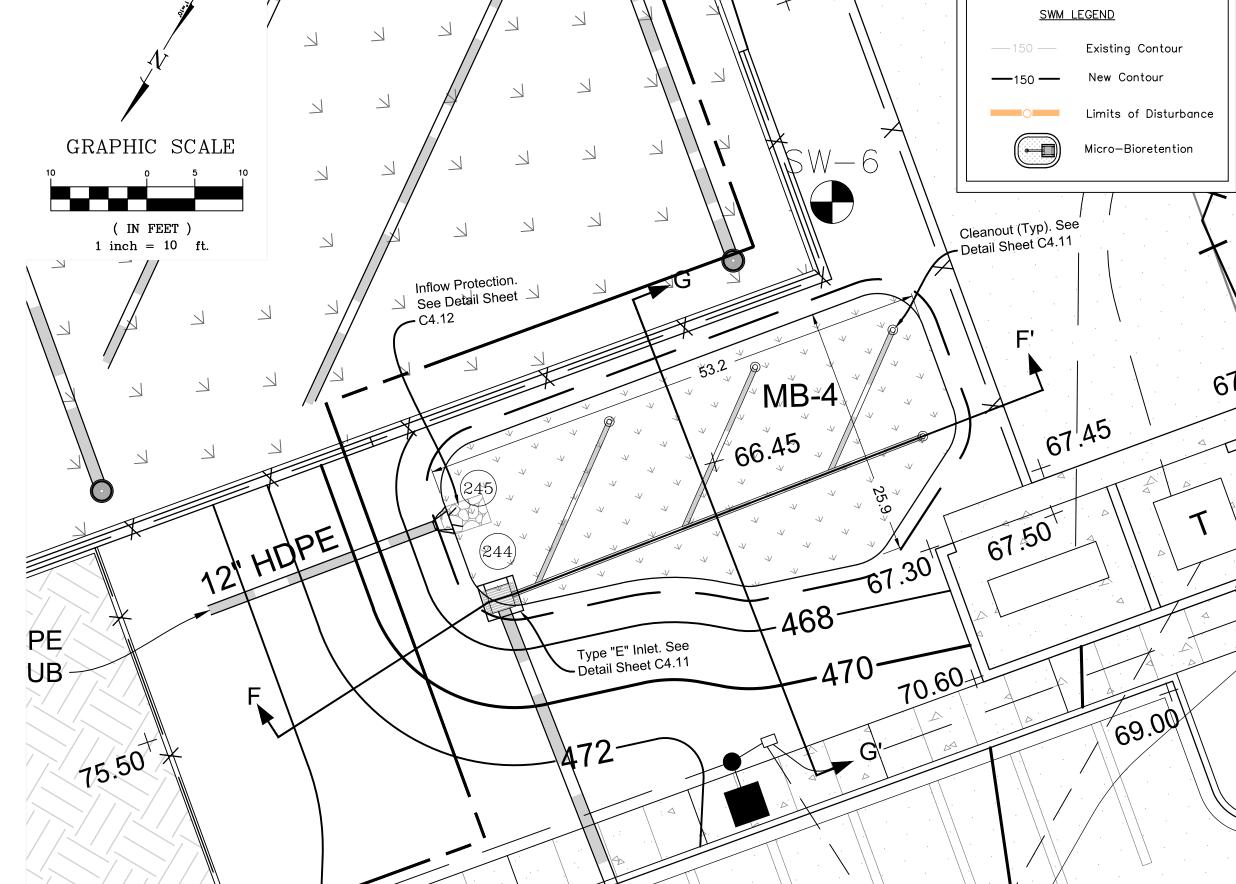
Facility Surface Area

ESDv Provided





Scale: Not to Scale 1"=5' Micro-Bioretention MB-4



Micro-Bioretention Detailed Plan View MB-4

MB-4

Total Perforated Underdrain Length: 97 FT

Design Engineer SWM Construction Observation Requirements

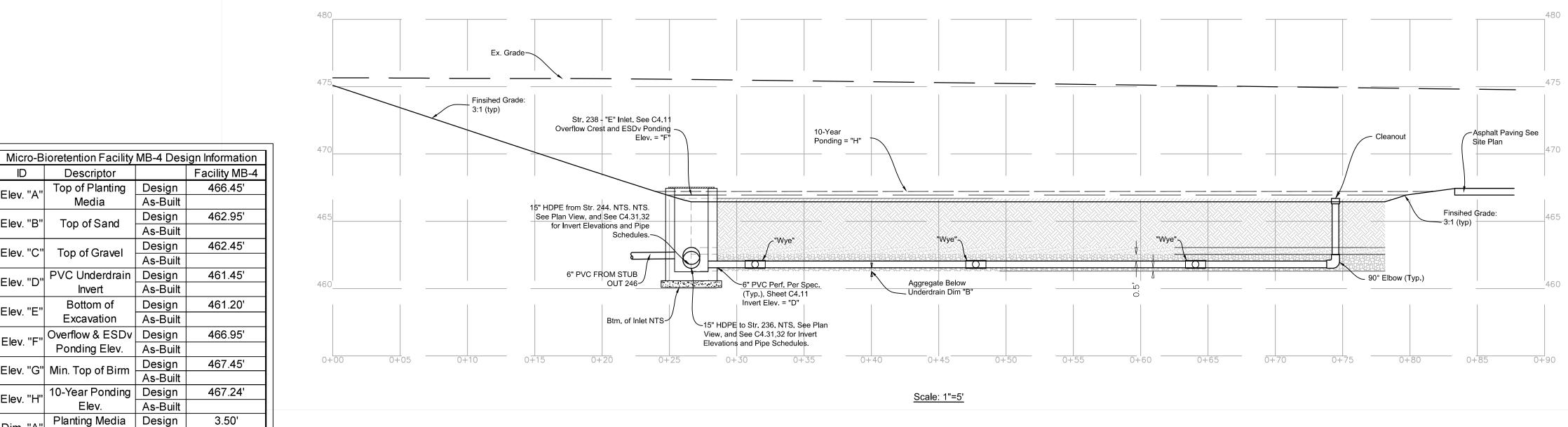
The contractor is required to contact the Design Engineer at (301) 670-0840 with at least 24 hours advance notice at the following stages of Micro-Bioretention (MB), Micro-Bioretention w/ Impervious Liner (MB(L)), Planter Box Micro-Bioretention (PB), and/or Bio-Swale (BS) facility construction:

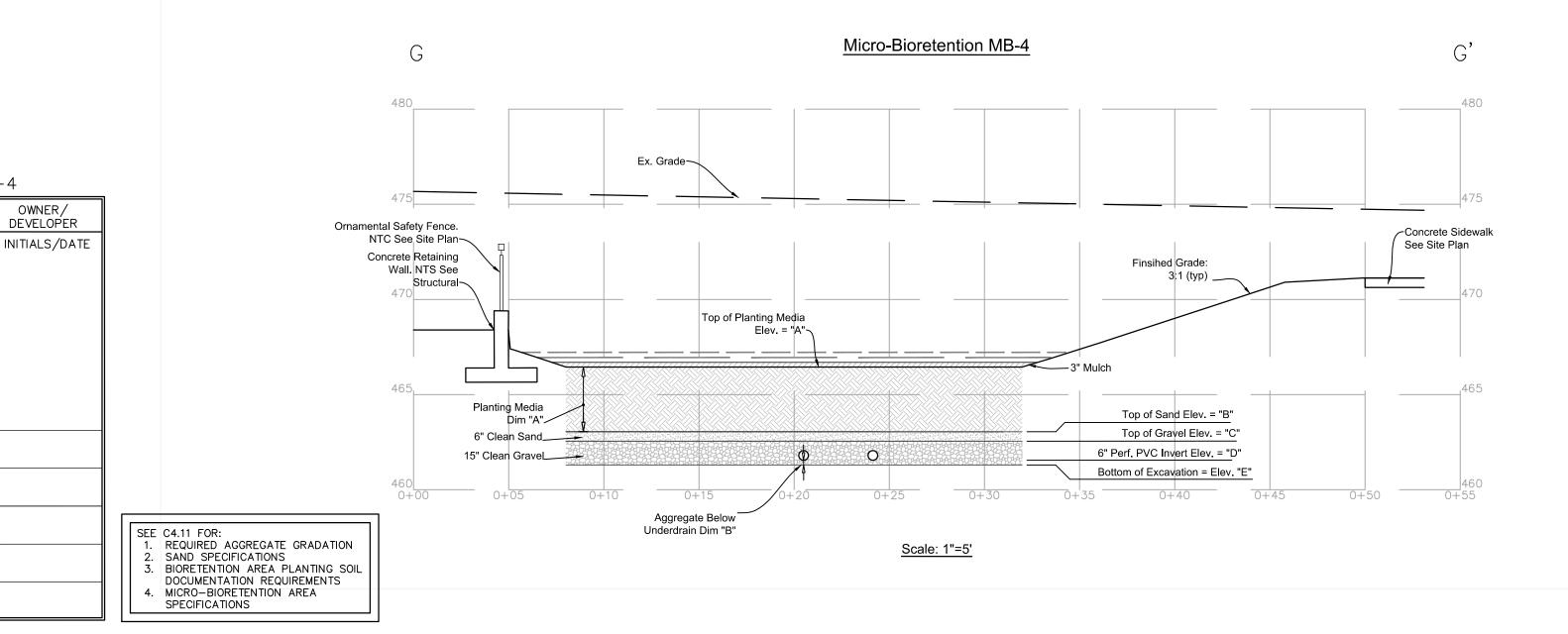
- Facility excavation: MB, MB(L), BS • Concrete slab and wall form work: PB
- Installation of impervious liner: MB(L) Aggregate installation
- Underdrain layout and installation
- Sand layer installation Planting media installation

SWM plantings and landscaping installation

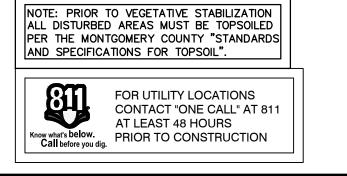
| Failure to notify the Design Engineer may necessitate SWM facility reconstruction.

BIORETENTION FACILITY MAINTENANCE SCHEDULE			
TASK	RECOMMENDED INTERVAL		
INSPECT AND REPAIR SOIL EROSION	MONTHLY AND AFTER HEAVY RAINS		
REMOVE LEAVES, DEBRIS, TRASH, SILT, ETC. & REPLACE MULCH LAYER	MINIMUM 2 TIMES PER YEAR (SPRING AND FALL)		
INSPECT PLANTS FOR DAMAGE & DISEASE/PEST PROBLEMS PRUNE AND TREAT PLANTS AS NEEDED & AS APPROPRIATE PER SPECIES. REMOVE AND REPLACE DEAD AND DISEASED PLANTS CONSIDERED BEYOND TREATMENT	MINIMUM 2 TIMES PER YEAR (3/15-4/30 and 10/1-11/30)		





NOTE: Contractor shall confirm that dimensions, inflow locatoins, roof leader locations and other design elements of ALL ESD/SWM facilities as shown on these plans are coordinated with architectural and other trade plans. If any discrepancies are found, the Contractor is to contact the design engineer and architect prior to proceeding with construction. Site utilities are to be constructed in locations shown. If a utility location is changed and is found to conflict with a ESD/SWM facility, the facility must be reviewed and approved by the County, Design Engineer, Architect and appropriate trade prior to utility construction. Modifications to the Stormwater Management Plan will require a formal revision to the plan with the Montgomery County Department of Permitting Services, which will include applicable plan revision fees, and may not be acceptable.



SM#285890 SC#286335

SC009MB1MB4

SWM MB-1, MB-4 PLAN VIEW AND DETAILS

SHEET NO:

TAX MAP FT62 WSSC 224NW09 PLAT 12762 9TH ELECTION DISTRICT CITY OF GAITHERSBURG, MD

ARCHITECT

9211 CORPORATE BLVD, SUITE 340

ROCKVILLE, MD 20850

301-770-0177(P) 301-330-3224(F)

MACRIS, HENDRICKS &

GLASCOCK

9220 WIGHTMAN RD. SUITE 120

MONTGOMERY VILLAGE, MD 20886

301-670-0840(P)

STRUCTURAL

COMPREHENSIVE

STRUCTURAL SOLUTIONS

9220 WIGHTMAN RD, SUITE 120

MONTGOMERY VILLAGE, MD 20886

240-200-5599(P)

MECH./ELECTRICAL/PLUMBING

JAMES POSEY ASSOCIATES

11155 RED RUN BLVD, SUITE 310

410-265-6100(P)

KITCHEN NYIKOS-GARCIA FOODSERVICE DESIGN, INC

> 18219-A FLOWER HILL WAY **GAITHERSBURG, MD 20879** 240-683-9530 (P)

SUSTAINABILITY DOO CONSULTING, LLC

> 531 PICCADILLY ROAD BALTIMORE, MD 21204

> > 443-653-3792 (P)

CONSTRUCTION MANAGER

SKANSKA USA BUILDING INC

700 KING FARM BLVD, SUITE 200

301-795-3100 (P)

ROCKVILLE, MD 20850

Professional Certification.

documents were prepared or approved by me, and that I am a

Enegineer under the laws of the

State of Maryland, License No.: 16905, Expiration Date: 4.21.2022

PRINTS ISSUED

10/21/2020

12/03/2020

duly licensed Professional

PROFESSIONAL SEAL:

BID DOCUMENTS

ADDENDUM #2

ADDENDUM #3 ADDENDUM #4

hereby certify that these

BALTIMORE, MD 21117

GAITHERSBURG CLUSTER ELEMENTARY SCHOOL #8

MONTGOMERY COUNTY PUBLIC

SCHOOLS

SHEET TITLE: SOIL EROSION,

SEDIMENT CONTROL **AND STORMWATER MANAGEMENT PLAN**